

# SAFETY DATA SHEET



BioOne Dry

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**GHS Product Information**

**Product Name:** BioOne Dry  
**Business Unit:** Osprey  
**Safety data sheet number:** 1933-129 -US-E

**Recommended use of the chemical and restrictions on use**

**Recommended use:** No information available.

**Uses advised against:** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer:**  
 Osprey Biotechnics  
 1845 57th Street  
 Sarasota, FL 34243

**SDS Contact (email of responsible person):** phibroehs@pahc.com

**24 Hour Emergency Phone Number:** Chemtrec 1-800-424-9300 (CCN17224)

**International:** International Number: +1 703-527-3887

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2B
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**Label elements**

**Emergency Overview**

**Warning**

**Hazard statements**  
Causes eye irritation

**Appearance** powder

**Physical state** Solid

**Odor** sweet

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Hazards not otherwise classified (HNOC)****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture

Mixture

Chemical name	CAS No	Weight-%	Trade Secret
cereal	RM316133	60 - 100	*
Sodium bicarbonate	144-55-8	10 - 30	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of first aid measures**

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Inhalation:** Remove to fresh air.

**Skin Contact:** Wash skin with soap and water.

**Ingestion:** Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians:** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Extinguishing media**

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical:** No information available.

**Explosion data****Sensitivity to Mechanical Impact:** None.**Sensitivity to Static Discharge:** None.**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions:** Ensure adequate ventilation, especially in confined areas.**For emergency responders:** Use personal protection recommended in Section 8. Use personal protective equipment as required.**Environmental Precautions:** See Section 12 for additional ecological information.**Methods and material for containment and cleaning up****Methods for containment:** Prevent further leakage or spillage if safe to do so.**Methods for cleaning up:** Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice.**Conditions for safe storage, including any incompatibilities****Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.**Incompatible materials:** None known based on information supplied.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines***NIOSH IDLH Immediately Dangerous to Life or Health***Other Information:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).**Appropriate engineering controls****Engineering Controls:** Showers  
Eyewash stations  
Ventilation systems.**Individual protection measures, such as personal protective equipment****General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

<b>Eye/face protection:</b>	No special technical protective measures are necessary.
<b>Skin and body protection:</b>	No special technical protective measures are necessary.
<b>Respiratory protection:</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid	<b>Odor</b>	sweet
<b>Appearance</b>	powder	<b>Odor threshold</b>	No information available
<b>Color</b>	Light brown		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point / Freezing Point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	No information available	
Water solubility	Soluble in water	
Solubility in other solvents		
Partition coefficient	No information available	
Autoignition temperature	No information available	Autoignition
Hyphen	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available
Percent Volatile	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information:</b>	No data available
<b>Inhalation:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Sodium bicarbonate	144-55-8	= 4220 mg/kg ( Rat )	-	-

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms: No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Sensitization: No information available.  
 Germ cell mutagenicity: No information available.  
 Carcinogenicity: No information available.

Reproductive toxicity: No information available.  
 STOT - single exposure: No information available.  
 STOT - repeated exposure: No information available.  
 Aspiration hazard: No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 16948 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	CAS No	Algae/aquatic plants	Fish	Crustacea
Sodium bicarbonate	144-55-8	-	8250 - 9000: 96 h Lepomis macrochirus mg/L LC50 static	2350: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Other adverse effects:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes:** Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid runoff to waterways and sewers. Recover or recycle if possible. Send to a licensed recycler, reclaimer or incinerator.

**Disposal methods:** Do not reuse container.

## 14. TRANSPORT INFORMATION

**Note:** Store in a closed container. Keep container upright.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**TDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

<b>TSCA</b>	Not Determined
<b>DSL</b>	Not Determined
<b>NDSL</b>	Complies
<b>EINECS/ELINCS:</b>	Not Determined
<b>ENCS:</b>	Not Determined
<b>IECSC:</b>	Not Determined
<b>KECL:</b>	Not Determined
<b>PICCS:</b>	Not Determined
<b>AICS:</b>	Not Determined

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**TCSI** - Taiwan

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any

chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**FIFRA**

Not applicable

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical name	CAS No	New Jersey	Massachusetts	Pennsylvania
Corn starch	9005-25-8	-	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 1	Flammability 0	Instability 0	Special hazards -
<b>HMIS</b>	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection X

**Document Review**

Revision Number: 1

Revision Note: No information available

Key or legend to abbreviations and acronyms used in the safety data sheet:

Bioconcentration factor (BCF)  
International Air Transport Association (IATA)  
Globally Harmonized System (GHS)  
International Maritime Dangerous Goods (IMDG)

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**End of Safety Data Sheet**